Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 06 May 2021 until 23:59 on Friday 07 May 2021

Forecast Issued on Thursday 06 May 2021 at 01:23

Confidence: High for continuation of unsettled conditions, but moderate for timing of rain on Saturday.

Headline for Thursday 06 May 2021: Sunshine and showers, with a risk of hail, thunder and hill snow.

Mountain weather hazards on Thursday 06 May 2021

Blizzards
No Likelihood

Heavy Snow
Low Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Medium Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Light snow showers	Heavy snow showers	Hail showers	Sleet showers	Partly cloudy (night)
Precipitation probability					
30%	60%	60%	80%	60%	30%

Forecast for Thursday 06 May 2021

Weather: A bright and sunny morning, with any frost clearing, perhaps a little slower in shelter. Showers then developing widely throughout the day, turning heavy at times with a risk of hail and thunder. Snow showers are also possible above 400m, which may accumulate on soft verges. Showers gradually easing through the late evening.

Chance of cloud free mountain/hill tops above 600m: 80% becoming 60% in the showers through the day.

Visibility: Very good or excellent throughout the day, but with a risk of rapid deterioration to poor or very poor in the heavier showers, where bases could drop to 500m.

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Forecast for Thursday 06 May 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/12 W	12/17 W	10/16 NW	19/28 W	18/25 W	15/22 NW	12/17 NW
300	6/8 W	10/15 W	9/15 NW	15/24 W	16/24 W	12/19 NW	9/15 W
Valley	5/8 W	8/14 NW	9/17 W	14/27 W	11/23 NW	8/17 NW	5/13 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-0/-5	1/-4	2/-2	3/-2	2/-4	1/-4	0/-4
300	1/-2	3/-0	5/2	6/2	4/-0	4/-1	3/-1
Valley	2/0	5/2	6/3	8/4	5/2	4/1	3/1
Freezing Level*	400m	500m	500m	600m	700m	700m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A mixture of potentially strong sunshine and heavy showers with the weather likely to change rapidly throughout the day.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 06 May 2021	0mm	0mm	0mm

Forecast for Friday 07 May 2021

Weather: Showers easing on Thursday night to leave a dry and bright, but chilly start, with a widespread frost. Showers developing widely through the day with a risk of snow showers above 400m briefly in the morning, this risk then rising to 600m through the day. Showers slowly easing during the evening.

Maximum wind: West or northwesterly winds 15-20mph with gusts 25-30mph at first, slowly easing.

Chance of cloud free mountain/hill tops above 600m: Greater than 90%, becoming 60% as showers bubble up through the day.

Visibility: Generally very good or excellent. Becoming poor or very poor in rain or snow showers, with cloud bases perhaps descending to 600m in heavier showers.

Temperature: **Valleys:** Plus 1 Celsius, rising to 9 Celsius
At 600m: Minus 1 Celsius rising to plus 5 Celsius.
Freezing level: 400m rising to above the summits later in the day.

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